

Notice of Allowability

Application No.

10/065,079

Examiner

Donald Heckenberg

Applicant(s)

KAWAI, TOSHIO

Art Unit

1722

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on September 17, 2004.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ The drawings filed on 16 September 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☒ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

IN THE CLAIMS

The response filed on September 17, 2004 includes amendments to the claims. However, the copy of the claims provided with the response is improper because it does not include status identifiers for the claims. In order to properly enter the claims, the amendments have been reproduced below, with the proper status identifiers added. Note, no other amendments to the actual claim language other than those specified by Applicant in the response have been made.

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(currently amended)

1. An optical-disk stamper comprising:

a stamper body:

a molding surface formed on a side of said stamper body and furnished with bumps for transfer-forming pits onto an optical disk; wherein

at least said molding surface, including said bumps, is formed of a synthetic polymer whose thermal diffusivity is $0.01 \text{ m}^2/\text{h}$ or less.

(original)

2. An optical-disk stamper as set forth in claim 1, wherein the entire stamper body is formed from a synthetic polymer whose thermal diffusivity is $0.01 \text{ m}^2/\text{h}$ or less, superficially on which said molding surface furnished with said bumps is formed.

(original)

3. An optical-disk stamper, comprising:

a stamper body formed from a metal baseplate;

a molding layer laminated onto one side of said stamper body, said molding layer being formed from a synthetic polymer whose thermal diffusivity is $0.01 \text{ m}^2/\text{h}$ or less; and

bumps furnished superficially on said molding layer to form an optical-disk molding surface.

(original)

4. An optical-disk stamper, comprising:

a stamper body formed from a metal baseplate;

a molding surface furnished with bumps, formed one side of said stamper body; and

a synthetic-polymer coating layer whose thermal diffusivity is $0.01 \text{ m}^2/\text{h}$ or less, coated on said molding surface, including said bumps.

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(currently amended)

5. An optical-disk stamper as set forth in claim 1, wherein said synthetic polymer is made up of heat-hardening resins including a phenolic or an epoxy resin whose thermal diffusivity is from 0.0004 to 0.001 m²/h.

(currently amended)

6. An optical-disk stamper as set forth in claim 2, wherein said synthetic polymer is made up of heat-hardening resins including a phenolic or an epoxy resin whose thermal diffusivity is from 0.0004 to 0.001 m²/h.

(currently amended)

7. An optical-disk stamper as set forth in claim 3, wherein said synthetic polymer is made up of heat-hardening resins including a phenolic or an epoxy resin whose thermal diffusivity is from 0.0004 to 0.001 m²/h.

(currently amended)

8. An optical-disk stamper as set forth in claim 4, wherein said synthetic-polymer coating layer is made up of heat-hardening resins including a phenolic or an epoxy resin whose thermal diffusivity is from 0.0004 to 0.001 m²/h.

2. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in Japan on November 15, 2001. It is noted, however, that Applicant has not filed a certified copy of the Japanese application as required by 35 U.S.C. 119(b). It is further noted that in the response filed on September 17, 2004 that Applicant indicates the intention of filing the foreign priority document. However, at the time of this Office Action, the priority document has yet to be received.

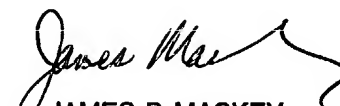
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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Donald Heckenberg whose telephone number is (571) 272-1131. The examiner can normally be reached on Monday through Friday from 9:30 A.M. to 6:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Benjamin Utech, can be reached at (571) 272-1137. The official fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <<<http://pair-direct.uspto.gov>>>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free).

 9-28-04
Donald Heckenberg
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JAMES P. MACKEY
PRIMARY EXAMINER
9/29/04